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Presomitic mesoderm: Wnt; Lef1; Tcf3; Tcf4; β -Catenin; Zebrafish; Neural crest; Radiation hybrid; Groucho; Germ ring; Somite; Tailbud **86** 147

Promoter trap: Septins; *Sep3*; Alkaline phosphatase reporter gene; Genetic screen; Neuronal development; Mouse embryogenesis; ES cells; Embryoid bodies; Transgenic mice **86** 183

Promoter: Epidermal appendages; Epithelial cells; Genomic structure; Hair follicles; Immunohistochemistry; Intron-less; Lef-1; Mammary gland; Morphogenesis; Puberty; Sebaceous gland; Sox5; STAT; Sweat gland **86** 193

Pronephric duct: Wnt; Frizzled; Xenopus; Organogenesis; Tailbud; Heart; Hindbrain; Midbrain; Neural crest; Eye **86** 203

Proneural genes: Neurogenic genes; Gal4 system; Myogenesis; *Drosophila* **86** 137

Protein NEFA: Nucleobindin; EF-hand proteins; Calcium affinity; Signal peptide; Glutamine rich region; *Drosophila* embryogenesis; Salivary glands; Golgi apparatus; Schneider-2 cells; Indirect immunofluorescence **86** 155

Puberty: Epidermal appendages; Epithelial cells; Genomic structure; Hair follicles; Immunohistochemistry; Intron-less; Lef-1; Mammary gland; Morphogenesis; Promoter; Sebaceous gland; Sox5; STAT; Sweat gland **86 193**

Radiation hybrid: Wnt; Lef1; Tcf3; Tcf4; β -Catenin; Zebrafish; Neural crest; Groucho; Germ ring; Somite; Presomitic mesoderm; Tailbud **86 147**

Salivary glands: Protein NEFA; Nucleobindin; EF-hand proteins; Calcium affinity; Signal peptide; Glutamine rich region; *Drosophila* embryogenesis; Golgi apparatus; Schneider-2 cells; Indirect immunofluorescence **86 155**

Schneider-2 cells: Protein NEFA; Nucleobindin; EF-hand proteins; Calcium affinity; Signal peptide; Glutamine rich region; *Drosophila* embryogenesis; Salivary glands; Golgi apparatus; Indirect immunofluorescence **86 155**

Sea urchin: Circumesophageal muscles; SUM1; MyoD; bHLHs; Transcription factors; In situ hybridization; Localization; Myogenic determination; Specification, Larvae **86 209**

Sebaceous gland: Epidermal appendages; Epithelial cells; Genomic structure; Hair follicles; Immunohistochemistry; Intron-less; Lef-1; Mammary gland; Morphogenesis; Promoter; Puberty; Sox5; STAT; Sweat gland **86 193**

Secondary axis: Xenopus; β -Catenin; Mesoderm induction; Morphogenetic movement; Neural crest **86 3**

Sensory organ precursor specification: *E(spl)* locus; *E(spl)m4*; *E(spl)mxc*; Lateral inhibition; Intercellular signalling; Notch signalling; *Drosophila* **86 39**

Sep3: Septins; Promoter trap; Alkaline phosphatase reporter gene; Genetic screen; Neuronal development; Mouse embryogenesis; ES cells; Embryoid bodies; Transgenic mice **86 183**

Septins: *Sep3*; Promoter trap; Alkaline phosphatase reporter gene; Genetic screen; Neuronal development; Mouse embryogenesis; ES cells; Embryoid bodies; Transgenic mice **86 183**

Signal peptide: Protein NEFA; Nucleobindin; EF-hand proteins; Calcium affinity; Glutamine rich region; *Drosophila* embryogenesis; Salivary glands; Golgi apparatus; Schneider-2 cells; Indirect immunofluorescence **86 155**

Somite: Wnt; Lef1; Tcf3; Tcf4; β -Catenin; Zebrafish; Neural crest; Radiation hybrid; Groucho; Germ ring; Presomitic mesoderm; Tailbud **86 147**

Sonic hedgehog: Feather; Bone morphogenetic protein; Follistatin; Eph-A4; Lateral inhibition; Chick; Embryo; Spacing pattern; Wave front **86 51**

Sonic hedgehog: Lung development; Fibroblast growth factors; Bone morphogenetic proteins; Thyroid transcription factor-1; Epithelial-mesenchymal interactions; Branching morphogenesis; Pattern formation; Organogenesis **86 125**

Sox1: Mouse embryo; *Sox2*; *Sox3*; HMG box; Gastrulation; Neural tube; Surface ectoderm; Gut endoderm **86 197**

Sox2: Mouse embryo; *Sox1*; *Sox3*; HMG box; Gastrulation; Neural tube; Surface ectoderm; Gut endoderm **86 197**

Sox3: Mouse embryo; *Sox1*; *Sox2*; HMG box; Gastrulation; Neural tube; Surface ectoderm; Gut endoderm **86 197**

Sox5: Epidermal appendages; Epithelial cells; Genomic structure; Hair

follicles; Immunohistochemistry; Intron-less; Lef-1; Mammary gland; Morphogenesis; Promoter; Puberty; Sebaceous gland; STAT; Sweat gland **86 193**

Spacing pattern: Feather; Bone morphogenetic protein; Follistatin; Eph-A4; Lateral inhibition; Chick; Embryo; Sonic hedgehog; Wave front **86 51**

Specification, Larvae: Sea urchin; Circumesophageal muscles; SUM1; MyoD; bHLHs; Transcription factors; In situ hybridization; Localization; Myogenic determination **86 209**

STAT: Epidermal appendages; Epithelial cells; Genomic structure; Hair follicles; Immunohistochemistry; Intron-less; Lef-1; Mammary gland; Morphogenesis; Promoter; Puberty; Sebaceous gland; Sox5; Sweat gland **86 193**

SUM1: Sea urchin; Circumesophageal muscles; MyoD; bHLHs; Transcription factors; In situ hybridization; Localization; Myogenic determination; Specification, Larvae **86 209**

Surface ectoderm: Mouse embryo; *Sox1*; *Sox2*; *Sox3*; HMG box; Gastrulation; Neural tube; Gut endoderm **86 197**

Sweat gland: Epidermal appendages; Epithelial cells; Genomic structure; Hair follicles; Immunohistochemistry; Intron-less; Lef-1; Mammary gland; Morphogenesis; Promoter; Puberty; Sebaceous gland; Sox5; STAT **86 193**

Tailbud: Wnt; Lef1; Tcf3; Tcf4; β -Catenin; Zebrafish; Neural crest; Radiation hybrid; Groucho; Germ ring; Somite; Presomitic mesoderm **86 147**

Tailbud: Wnt; Frizzled; Xenopus; Organogenesis; Pronephric duct; Heart; Hindbrain; Midbrain; Neural crest; Eye **86 203**

T-box, protein: Antibody; *Xenopus*; Mesoderm; Endoderm; Antipodean; VegT; Brat; Xombi; Eomesodermin; Xbrachyury; Alternative mRNA splicing **86 87**

TGF- β : *Drosophila*; Bone morphogenetic proteins; Myostatin; Muscles; Glia **86 171**

TGF- β type II receptor: Adenovirus; Antisense; Mouse; TGF- β ; Tooth development **86 63**

TGF- β : Adenovirus; Antisense; Mouse; TGF- β type II receptor; Tooth development **86 63**

Thyroid transcription factor-1: Lung development; Fibroblast growth factors; Sonic hedgehog; Epithelial-mesenchymal interactions; Branching morphogenesis; Pattern formation; Organogenesis **86 125**

Tooth development: Adenovirus; Antisense; Mouse; TGF- β ; TGF- β type II receptor **86 63**

Transcription factors: Sea urchin; Circumesophageal muscles; SUM1; MyoD; bHLHs; In situ hybridization; Localization; Myogenic determination; Specification, Larvae **86 209**

Transgenic mice: Septins; *Sep3*; Promoter trap; Alkaline phosphatase reporter gene; Genetic screen; Neuronal development; Mouse embryogenesis; ES cells; Embryoid bodies **86 183**

Transmembrane domains: *Drosophila* embryogenesis; Hox proteins; Phylogenetic conservation; Visceral mesoderm **86 159**

VegT: T-box, protein; Antibody; *Xenopus*; Mesoderm; Endoderm; Antipodean; Brat; Xombi; Eomesodermin; Xbrachyury; Alternative mRNA splicing **86 87**

Ventral signal: *Xvex-1*; *BMP-4*; Mesodermal patterning; Homeobox; *Xenopus*; *Xvent*; Gastrulation **86** 99

Ventricular trabeculae: *jumonji*; Gene trap; Neural tube defects; Cardiac defects; Neural plate; Bulbus cordis; Cardiac myocytes; Neurulation; Heart morphogenesis; Myogenesis; Cell proliferation **86** 29

Vertebral ankylosis: Zebrafish; DLG3 **86** 17

Visceral mesoderm: *Drosophila* embryogenesis; Hox proteins; Phylogenetic conservation; Transmembrane domains **86** 159

Wave front: Feather; Bone morphogenetic protein; Follistatin; Eph-A4; Lateral inhibition; Chick; Embryo; Sonic hedgehog; Spacing pattern **86** 51

Wnt: Lef1; Tcf3; Tcf4; β -Catenin; Zebrafish; Neural crest; Radiation hybrid; Groucho; Germ ring; Somite; Presomitic mesoderm; Tailbud **86** 147

Wnt: Frizzled; *Xenopus*; Organogenesis; Pronephric duct; Tailbud; Heart; Hindbrain; Midbrain; Neural crest; Eye **86** 203

Xbrachyury: T-box, protein; Antibody; *Xenopus*; Mesoderm; Endoderm; Antipodean; VegT; Brat; Xombi; Eomesodermin; Alternative mRNA splicing **86** 87

Xenopus: β -Catenin; Secondary axis; Mesoderm induction; Morphogenetic movement; Neural crest **86** 3

Xenopus: Wnt; Frizzled; Organogenesis; Pronephric duct; Tailbud; Heart; Hindbrain; Midbrain; Neural crest; Eye **86** 203

Xenopus: *Xvex-1*; *BMP-4*; Mesodermal patterning; Homeobox; Ventral signal; *Xvent*; Gastrulation **86** 99

Xenopus: BMP1; BMP4; Chordin; Dorsalisation; Mesoderm; Noggin; Organiser; xolloid **86** 75

Xenopus: Insulin receptor; Insulin-like growth factor; Embryogenesis; Ectoderm; Mesoderm **86** 151

Xenopus: T-box, protein; Antibody; Mesoderm; Endoderm; Antipodean; VegT; Brat; Xombi; Eomesodermin; Xbrachyury; Alternative mRNA splicing **86** 87

Xvent: *Xvex-1*; *BMP-4*; Mesodermal patterning; Homeobox; *Xenopus*; Ventral signal; Gastrulation **86** 99

xolloid: BMP1; BMP4; Chordin; Dorsalisation; Mesoderm; Noggin; Organiser; *Xenopus* **86** 75

Xombi: T-box, protein; Antibody; *Xenopus*; Mesoderm; Endoderm; Antipodean; VegT; Brat; Eomesodermin; Xbrachyury; Alternative mRNA splicing **86** 87

Xvex-1: *BMP-4*; Mesodermal patterning; Homeobox; *Xenopus*; Ventral signal; *Xvent*; Gastrulation **86** 99

Zebrafish: Wnt; Lef1; Tcf3; Tcf4; β -Catenin; Neural crest; Radiation hybrid; Groucho; Germ ring; Somite; Presomitic mesoderm; Tailbud **86** 147

Zebrafish: Vertebral ankylosis; DLG3 **86** 17

Zinc finger protein: *Drosophila*; Follicular epithelium; Oogenesis; DER pathway **86** 177

